

# Zhipeng Zhou

UNIVERSITY OF SCIENCE AND TECHNOLOGY OF CHINA (USTC)

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EDUCATION	<p><b>University of Science and Technology of China, Hefei, China</b> <i>Ph.D. Student</i>, School of Computer Science and Technology. <span style="float: right;"><i>2020.04-2024.07</i></span></p> <p><b>University of Science and Technology of China, Hefei, China</b> <i>Master Student</i>, School of Information Science and Technology. <span style="float: right;"><i>2017.09-2020.03</i></span></p> <p><b>Donghua University, Shanghai, China</b> <i>Bachelor</i>, Electronic Information Engineering. <span style="float: right;"><i>2013.09-2017.07</i></span></p>
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EXPERIENCE	<p><b>Research Intern, @Tencent AI Lab</b> <span style="float: right;"><i>2022.05-2024.03</i></span></p> <ul style="list-style-type: none"> <li>• Long-tailed problems and its application, e.g., CV, AIDD.</li> <li>• Multi-task Learning and its application, e.g., CV, LLM.</li> </ul>
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RESEARCH INTERESTS	<p>Distribution Shifts: Imbalance/Multi-task/Few-shot/Transfer Learning</p> <p>Mobile Computing: Wireless Sensing</p>
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SELECTED PUBLICATIONS	<p><b>Zhipeng Zhou</b>, Liu Liu, Peilin Zhao, Wei Gong, “Pareto Deep Long-Tailed Recognition: A Conflict-Averse Solution”, in <i>ICLR 2024</i>.</p> <p><b>Zhipeng Zhou*</b>, Lanqing Li*, Peilin Zhao, Pheng Ann Heng, Wei Gong, “Class-Conditional Sharpness Aware Minimization for Deep Long-Tailed Recognition”, in <i>CVPR 2023</i>.</p> <p><b>Zhipeng Zhou</b>, Feng Wang, Jihong Yu, Ju Ren, Zhi Wang, Wei Gong, “Target-oriented Semi-supervised Domain Adaptation for WiFi-based HAR”, in <i>INFOCOM 2022</i>.</p> <p><b>Zhipeng Zhou</b>, Haoquan Zhou, Wei Gong, “Guidepost: Target-oriented Few-shot Transferring via Measuring Task Similarity”, in <i>CIKM 2023</i>.</p> <p><b>Zhipeng Zhou</b>, Feng Wang, Wei Gong, “i-Sample: Augment Domain Adversarial Adaptation Models for WiFi-based HAR”, in <i>ACM Transactions on Sensor Networks, 2023</i>.</p> <p><b>Zhipeng Zhou</b>, Jihong Yu, Zheng Yang, Wei Gong, “MobiFi: Fast Deep-Learning Based Localization Using Mobile WiFi”, in <i>GLOBECOM 2020</i>.</p> <p><b>Zhipeng Zhou</b>, Rui Zhang, Dong Yin, “A Strong Feature Representation for Siamese Network Tracker”, in <i>Multimedia Tools and Application, 2020</i>.</p> <p>Haoqiang Zhang, <b>Zhipeng Zhou</b>, Wei Gong, “Wi-Adaptor: Fine-grained Domain Adaptation in WiFi-based Activity Recognition”, in <i>GLOBECOM 2021</i>.</p> <p>Guangzhi Zhao, <b>Zhipeng Zhou</b>, Yutao Huang, Amiya Nayak, Haoquan Zhou, Wei Gong, “ALSensing: Human Activity Recognition using WiFi based on Active Learning”, in <i>WCNC 2023</i>.</p> <p>Luyao Liu, <b>Zhipeng Zhou</b>, Mingwu Chen, Wei Gong, “CAT: Cross-Adversarial Training for WiFi-Based Human Activity Recognition”, in <i>CSCWD 2024</i>.</p> <p>Jian Feng, Yajie He, Yuhan Pan, <b>Zhipeng Zhou</b>, Si Chen, Wei Gong, “Enhancing Fitness</p>
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Evaluation in Genetic Algorithm-based Architecture Search for AI-aided Financial Regulation”, in *IEEE Transactions on Evolutionary Computation*, 2024.

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**MAIN AWARDS**      **2024, Outstanding graduate of USTC**  
**2024, ICLR 2024 Financial Assistance Awardees**  
**2022, Global Digital Technology Scholarship**  
**2022, Student Travel Grant of IEEE INFOCOM 2022**  
**2018, Huawei Scholarship**  
**2017, Outstanding Graduate of Shanghai, Tongqi Scholarship**  
**2016, National Scholarship, Donghua Scholarship**  
**2015, Sangma Scholarship, Donghua Scholarship**

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**ACADEMIC SERVICE**      PC Member: ICML (2024), IJCAI (2024), ACM MM (2024), ICLR Tiny Paper (2024), WSDM (2024), ICME (2024), ECML-PKDD (2022)  
Invited Journal Reviewer: Neural Networks

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**SKILLS**              **Languages Level: TOEFL 92**  
**Computer Languages: Python, C++**  
**Deep Learning Platform: PyTorch**